

Table 1.2-2

Table 1-1. Chemicals Potentially Posing Unacceptable Risks for Human Health

Chemical of Concern	Beach Sediment							Surface Water					In-Water Sediment											Fish Tissue					Shellfish										
	Recreational Beach User	Dockside Worker	Low-Frequency Fisher	High-Frequency Fisher	Tribal Fisher	Transients	Ingestion of Human Milk (Dockside Worker)	Recreational Beach User Transients	Diver in Wet Suit	Diver in Dry Suit	Potential Future Domestic Water Use In-Water Worker	Low Frequency Fisher	High Frequency Fisher	Tribal Fisher	Diver in Wet Suit	Diver in Dry Suit								Ingestion of Human Milk (In-Water Worker)	Ingestion of Human Milk (Low Frequency Fisher)	Ingestion of Human Milk (High Frequency Fisher)	Ingestion of Human Milk (Tribal Fisher)	Ingestion of Human Milk (Diver in Wet Suit)	Ingestion of Human Milk (Diver in Dry Suit)	Fish Consumption, River Mile Basis	Fish Consumption, Study Area-Wide Tribal Fish Consumption			Ingestion of Human Milk (Non-tribal Consumption)	Ingestion of Human Milk (Tribal Consumption)	Adult Consumption	Ingestion of Human Milk (Non-tribal Consumption)		
Metals																																							
Antimony																																							
Arsenic	X ^b		X ^b	X ^b	O									X					X ^{ab}	X ^b										O	O		+				O		
Chromium, hexavalent														X ^a																									
Lead ^d																																							
Mercury																																							
PAHs																																							
Benzo(a)anthracene	X ^{ab}	X ^{ab}												O				X ^{ab}	X ^{ab}	X ^{ab}	X ^{ab}									X ^{ab}							O		
Benzo(a)pyrene	O ^b	O ^a		X ^{ab}	X ^b							X ^{ab}		#	X ^{ab}	O ^b	O ^b	O	O ^b	X ^{ab}										O	X ^c	X					#		
Benzo(b)fluoranthene	X ^{ab}	X ^{ab}												O				X ^{ab}	X ^{ab}	X ^{ab}	X ^{ab}															O			
Benzo(k)fluoranthene																																						X ^a	
Dibenzo(a,h)anthracene	X ^b	X ^{ab}												O				X ^{ab}	X ^{ab}	X ^{ab}	X ^{ab}									X ^{ab}	X ^c	X					O		
Indeno(1,2,3-cd)pyrene	X ^{ab}	X ^{ab}												O				X ^{ab}	X ^{ab}	X ^{ab}	X ^{ab}															X			
Total Carcinogenic PAHs	O	O ^a	X ^{ab}	X ^{ab}	X ^b							X ^{ab}	X ^{ab}	#	X ^{ab}	O ^b	O ^b	#	O ^b	X ^{ab}										O	X	X					#		
Phthalates																																							
Bis(2-ethylhexyl)phthalate																																							
SVOCs																																							
Hexachlorobenzene																																							
Phenols																																							
Pentachlorophenol																																						X ^a	
Polychlorinated Biphenyls																																							
Total PCBs																			X ^{ab}	X ^{ab}	O ^b	X ^{ab}																	
Total PCB TEQ																			X ^{ab}	X ^{ab}	X ^b	X ^{ab}																	
Dioxin/Furan																																							
Total Dioxin TEQ																			O ^{ab}	O ^{ab}	O ^{ab}	#	O ^{ab}	X ^{ab}															
Pesticides																																							
Aldrin																																						X ^a	
Dieldrin																																						X	
Total Chlordane																																							

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Total DDD																													X ^a	X	O							X														
Total DDE																													X	X	O							X														
Total DDT																													X	X	O							X ^a														
Total DDX																																																				
Herbicides																																																				
MCPP																																																				
Polybrominated Diphenyl Ethers																																																				

Notes:
Groundwater seep exposure resulted in no cancer or noncancer exceedances of target risk levels.

Abbreviations:
X Chemical exceeds cancer risk of 10⁻⁶ or a hazard quotient of 1 for at least one BHHRA scenario.
O Chemical exceeds cancer risk of 10⁻⁵ or a hazard quotient of 1 for at least one BHHRA scenario.
Chemical exceeds cancer risk of 10⁻⁴ or a hazard quotient of 1 for at least one BHHRA scenario.
+ Chemical exceeds a hazard quotient of 1 for at least one BHHRA scenario, but does not exceed a cancer risk of 10⁻⁶.
a Status is result of target risk or hazard exceedance for two or fewer exposure points.
b Status is result of target risk or hazard exceedance for RME scenario only.
c Status is result of target risk or hazard exceedance only for subsistence fish consumption.
d Status for lead is based on results of predicted blood lead levels.

Shading indicates an exceedance of a hazard quotient of 1 for at least one BHHRA scenario.